

**Amendments to the Specification:**

Please replace paragraph 68 on page 17 of the application as filed with the following amended paragraph:

Figure ~~5e~~4c is a circuit schematic of the differential voltage amplifier of Figure 4a;

Please replace paragraph 69 on page 17 of the application as filed with the following amended paragraph:

Figure ~~5d~~4d is a circuit schematic of the programmable gain amplifier of Figure 4a;